

WHAT IS CLAIMED IS:

1. An electro-optical device, comprising:
first electrodes on a base body;
a plurality of element areas including element layers having at least one functional layer disposed above the first electrodes;
a second electrode formed above the element layers;
surrounding sections disposed on the base body so as to cover outer sides of the element layers including the element areas in a nearest proximity of a periphery of the base body; and
a gas-barrier layer that covers the second electrode, outer sides of the surrounding sections being covered with the second electrode, and the gas-barrier layer being in contact with the base body.
2. A method for manufacturing the electro-optical device according to claim 1, the element layers functioning by carriers supplied from the first electrodes or the second electrode and passing through the element layers.
3. An electro-optical device according to claim 1, the gas-barrier layer comprising an inorganic compound.
4. An electro-optical device according to claim 1, the gas-barrier layer comprising a silicon compound.
5. An electro-optical device according to claim 3, at least a face that is in contact with the gas-barrier layer of the second electrode comprising an inorganic oxide.
6. An electro-optical device according to claim 1, an angle defined by outer faces of the surrounding sections and the base body being 110° or more.
7. An electro-optical device according to claim 1, the electro-optical device being an active matrix electro-optical device.
8. An electro-optical device according to claim 1, the gas-barrier layer having an oxygen concentration which is lower at a face adjacent to the second electrode than at an upper face.
9. An electro-optical device according to claim 1, further comprising a protective layer that covers the gas-barrier layer on the gas-barrier layer.
10. An electro-optical device according to claim 9, the protective layer comprising a surface-protective sublayer on a surface of the protective layer.

11. An electro-optical device according to claim 9, the protective layer comprising a buffer sublayer that adheres to the gas-barrier layer and has a buffer function against mechanical shock on a gas-barrier layer side.
12. An electro-optical device according to claim 11, the buffer sublayer comprising a silane coupling agent or alkoxysilane.
13. An electronic apparatus comprises the electro-optical device according to claim 1.